

**THAT WHICH IS CLAIMED IS:**

1. A composition for eliciting an immune response to an immunogen, said composition comprising an immunogen in combination with compound 48/80.
- 5        2. The composition of claim 1, wherein said immunogen is an antibody-inducing determinant.
3. The composition of claim 1, wherein said immunogen is a lipid.
- 10        4. The composition of claim 1, wherein said immunogen is a peptide.
5. The composition of claim 4, wherein said peptide is an antibody-inducing peptide.
- 15        6. The composition of claim 1, wherein said immunogen is a carbohydrate.
7. The composition of claim 1, wherein said immunogen is derived from a virus.
- 20        8. The composition of claim 1, wherein said immunogen is derived from a cancer cell.
9. The composition of claim 1, wherein said composition is lyophilized.
- 25        10. The composition of claim 1, wherein said composition consists essentially of said immunogen in combination with compound 48/80.
11. A pharmaceutical composition comprising a composition of claim 1 in a pharmaceutically acceptable carrier.
- 30        12. The pharmaceutical composition of claim 11, wherein said carrier is an aqueous carrier.

13. The pharmaceutical composition of claim 11, wherein said carrier is a solid carrier.

14. A method of inducing an immune response comprising concurrently  
5 administering an immunogen and compound 48/80 to a subject in an amount effective to produce an immune response therein.

15. The method of claim 14, wherein said immunogen and said compound 48/80 are administered simultaneously in a common pharmaceutical carrier.

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16. The method of claim 14, wherein said administering step is carried out by parenteral administration.

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17. The method of claim 14, wherein said immune response is a prophylactic immune response.

18. The method of claim 14, wherein said immune response is a therapeutic immune response.

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19. The method of claim 14, wherein said immune response comprises a humoral immune response.

20. The method of claim 14, wherein said immune response comprises a cellular immune response.

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21. A method of treating a microbial infection in a subject in need thereof, comprising administering a mast cell membrane activator to said subject in an amount effective to treat said microbial infection.

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22. The method of claim 21, wherein said microbial infection is a bacterial infection.

23. The method of claim 21, wherein said microbial infection is a gram negative bacterial infection.

24. A method of enhancing wound healing in a subject in need thereof,  
5 comprising administering Compound 48/80 to a subject afflicted with a wound in an amount effective to enhance healing of said wound.

25. The method of claim 24, wherein said administering step is carried out by topical administration.

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26. A method of reducing scar formation in a subject in need thereof, comprising administering Compound 48/80 to a subject afflicted with a wound in an amount effective to reduce scar formation during healing of said wound.

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27. The method of claim 25, wherein said administering step is carried out by topical administration.

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